

## **N.C. 12 Update 9/23/2011**

At the Rodanthe breach area, crews continued constructing the sand embankments at the S-curves for the roadway to have the correct shape and slopes. Sandbag installation continues south of the Pea Island breach.

At the temporary bridge location on Pea Island, weather permitting, crews will pour concrete into the formwork for the footings at bent 3. Crews finished setting up the pile driving template at bent 2 and began installing piles. Bents are substructures supporting each end of the bridge span. Due to the limited amount of work space on the south side of the breach, crews need to coordinate crane and equipment movements with the tide changes. During high tide, crews have less access in their work space. Once the piles are installed for bent 2, the contractor will be able to work from platforms and be less impacted by tidal changes.

### **Temporary Bridge Facts:**

- Piling: 41 piles driven out of 82 total piles.
- Sheet Piling Bulkhead: 558 linear feet out of 726 total linear feet.
- Concrete Footings: 4 footings poured out of 12 total footings.
- Bridge Truss Spans: 233 linear feet out of 662 total linear feet.

NCDOT estimates that the roadway could be fully reopened sometime in early October depending on weather conditions between now and then.

Watch the video below showing how NCDOT is working to install the temporary bridge.